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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/162,685	09/29/98	GLASER	H ST9-98-052

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EXAMINER

BASHORE, W

ART UNIT	PAPER NUMBER
2776	2

DATE MAILED: 09/22/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

RA

Office Action Summary

Application No.

09/162,685

Applicant(s)

Glaser et al.

Examiner

William L. Bashore

Group Art Unit

2776



☒ Responsive to communication(s) filed on Sep 29, 1998

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

☒ Claim(s) 1-34 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-34 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☒ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☒ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

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DETAILED ACTION

1. This action is responsive to communications: original application filed on 9/29/1998.
2. Claims 1-34 are pending in this case. Claims 1, 12, 23, 34 are independent claims.

Drawings

3. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

Specification

4. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. The following title is suggested: HTML Mapping Substitution Graphical User Interface for Display Of Elements Mapped To HTML Files.
5. The disclosure is objected to because of the following informalities: Application No. 08/828,840 cited on p.4 line 14 of Applicant's disclosure is incorrect. The correct Application Number is: 08/828,890. Appropriate correction is required.

Claim Rejections - 35 USC § 112

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claim 7 recites the limitation "*the modified mapping*" in claim 7. There is insufficient antecedent basis for this limitation in the claim. The Examiner's suggestion of changing said phrase to "*the mapping*" will overcome this rejection.

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Claim Rejections - 35 USC § 101

8. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

9. Claim 34 is rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

In regard to independent claim 34, the phrase "A data structure" encompasses printed matter, and therefore is considered non-statutory subject matter. The examiner's suggestion to change the phrase, "A data structure...", to the following: "A computer readable data structure...", in claim 34 would overcome this rejection.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. **Claims 1, 3-4, 6-8, 11-12, 14-15, 17-19, 22-23, 25-26, 28-30, 33-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Foley et al. (hereinafter Foley), U.S. Patent No. 5,706,502 issued January 1998, in view of Arora et al. (hereinafter Arora), U.S. Patent No. 5,911,145 issued June 1999.**

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In regard to independent claim 1, Foley teaches:

- project files within a portfolio file, said portfolio file containing references to members of a set of project files, said project file containing a URL of an HTML file including an applet tag (Foley column 2 lines 55-63, column 8 lines 57-59, Figure 3 item 170A; compare with claim 1 “*reading information from a project file, the information comprising a relationship between the element and the HTML file*”).

- processing an applet referenced in each web document (Foley column 5 lines 32-49; compare with claim 1 “*processing the information to map the element to the HTML file*”).

- Foley does not specifically teach the display of mapped elements to an HTML file. However, Arora teaches the displayed mapping of elements to an HTML page (Arora column 14 lines 32-36, Figures 22, 42; compare with claim 1 “*displaying the mapping*”). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Arora to Foley, because of the advantage of visibly showing files, links, and objects of an HTML page in an organized fashion that Arora brings to Foley.

In regard to dependent claim 3, Foley teaches:

- a visual element control (Foley column 6 lines 31-33; compare with claim 3 “*a visual control*”, and “*...group comprising a button*”).

- Foley does not specifically teach selection from a picklist, and a data entry box. However, Arora teaches a picklist and a data entry box (Arora Figure 43; compare with claim 3 “*...a picklist, and a data entry box*”). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Arora to Foley, because of the advantage of alternate forms of input that Arora brings to Foley.

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In regard to dependent claim 4, Foley teaches:

- an element name (Applet2), and an HTML file name (Applet2.htm) (Foley column 10 lines 35-45; compare with claim 4).

In regard to dependent claim 6,

- Foley does not specifically teach an element name and an HTML name in a row of a table.

However, Arora teaches a table comprising rows of names of elements, all of which belong to a products page (Arora column 14 lines 32-36, Figures 22, 42; compare with claim 6). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Arora to Foley, because of the advantage of showing data in an organized fashion that Arora brings to Foley.

In regard to dependent claim 7,

- please note that the Examiner interprets the phrase "*the modified mapping*" as "*the mapping*".

- Foley does not specifically teach row and column cells for entry of a mapping. However, Arora teaches row and column cells for entry of a mapping (Arora Figure 39; compare with claim 7). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Arora to Foley, because of the advantage of showing space in a visually organized fashion that Arora brings to Foley.

In regard to dependent claim 8,

- claim 8 is rejected using the Examiner's argument and rationale as set forth in the rejection of claim 6.

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In regard to dependent claim 11, Foley teaches:

- the managing and editing of portfolios comprising different projects (Foley Abstract, at top, column 11 lines 21-26; compare with claim 11).

In regard to claims 12, 14-15, 17-19, 22,

- claims 12, 14-15, 17-19, 22 reflect the apparatus comprising computer readable instructions used to perform the methods as claimed in claims 1, 3-4, 6-8, 11, respectively, and are rejected as such.

In regard to claims 23, 25-26, 28-30, 33,

- claims 23, 25-26, 28-30, 33 reflect the article of manufacture comprising computer readable instructions used to perform the methods as claimed in claims 1, 3-4, 6-8, 11, respectively, and are rejected as such.

In regard to independent claim 34,

- please note that the Examiner interprets the phrase "*A data structure*" as "*A computer readable data structure*".

- Claim 34 reflects the computer readable data structure used for performing the methods as claimed in claim 1, and is rejected as such.

10. **Claims 2, 5, 13, 16, 24, 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Foley and Arora as applied to claims 1, 12, 23 above, and further in view of Mutschler, III et al. (hereinafter Mutschler), U.S. Patent No. 5,940,075 issued August 1999.**

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In regard to dependent claim 2, Foley does not specifically teach the use of a form in generating information from said form to an HTML page. However, Mutschler teaches Forms in regard to data binding with HTML (Mutschler Abstract, at bottom, column 3 lines 44-46; compare with claim 2). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Mutschler to Foley, because of the advantage of form data within a Web environment in an organized that Mutschler brings to Foley.

In regard to dependent claim 5,

Foley teaches an element name (Applet2), and an HTML file name (Applet2.htm) (Foley column 10 lines 35-45). Foley does not specifically teach a form name. However, Mutschler teaches data association and data binding utilizing a form name (Mutschler column 9 lines 29-30; compare with claim 5). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Mutschler to Foley, because of the taught advantage of form data associated with gui controls on a form that Mutschler provides to Foley.

In regard to claims 13, 16,

- claims 13, 16 reflect the apparatus comprising computer readable instructions used to perform the methods as claimed in claims 2, 5, respectively, and are rejected as such.

In regard to claims 24, 27,

- claims 24, 27 reflect the article of manufacture comprising computer readable instructions used to perform the methods as claimed in claims 2, 5, respectively, and are rejected as such.

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11. **Claims 9-10, 20-21, 31-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Foley and Arora as applied to claims 1, 12, 23 above, and further in view of Lisle et al. (hereinafter Lisle), U.S. Patent No. 6,069,630 issued May 2000.**

In regard to dependent claim 9,

- Foley does not specifically teach flagging an invalid mapping. However, Lisle teaches the indication of a link depending upon whether a link (element) is good or bad (Lisle Figure 4 item 410; compare with claim 9). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Lisle to Foley, because of the taught advantage up to date linking that Lisle provides to Foley.

In regard to dependent claim 10,

- claim 10 incorporates substantially similar subject matter as claimed in claims 1 and 9, and is rejected as such.

In regard to claims 20-21,

- claims 20-21 reflect the apparatus comprising computer readable instructions used to perform the methods as claimed in claims 9-10, respectively, and are rejected as such.

In regard to claims 31-32,

- claims 31-32 reflect the article of manufacture comprising computer readable instructions used to perform the methods as claimed in claims 9-10, respectively, and are rejected as such.

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Conclusion

4. **Prior art made of record and not relied upon is considered pertinent to disclosure.**

Lee et al.	U.S. Patent No. 6,061,696	issued	May	2000
Arora et al.	U.S. Patent No. 5,845,299	issued	December	1998
Mutschler, III et al.	U.S. Patent No. 5,974,430	issued	October	1999

Ossenbruggen et al., Style sheet support for hypermedia documents, ACM Proceedings of the eighth conference on Hypertext, April 6-11, 1997, pp.216-217.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William Bashore whose telephone number is (703) 308-5807. The examiner can normally be reached on Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi, can be reached on (703) 305-4713. The fax number to this art unit is (703) 308-6606.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

6. **Any response to this action should be mailed to:**

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or faxed to:

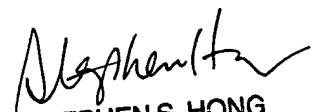
(703) 308-9051, (for formal communications intended for entry)

or:

(703) 305-9724 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

William L. Bashore
9/12/2000


STEPHEN S. HONG
PRIMARY EXAMINER